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DOCKET NO.: 4648

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
IN THE MATTER OF THE APPLICATION FOR PATENT

OF: Franz MATHE et al.

| ART UNIT: 2811

USSN: 10/817,338

| CONF. NO. 3277

FILED: April 1, 2004

FOR: Single Semiconductor Element In A
Flip Chip Construction

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

July 1, 2004

INFORMATION DISCLOSURE STATEMENT


Dear Sir:

- 1) Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98 applicants enclose a Form PTO-1449, copies of references AC to AG and AI listed thereon, and a German Search Report (with English Translation) issued on March 2, 2004 in the counterpart German Priority Application.
- 2) In view of the waiver of the requirement (see 1273 OG 55, August 5, 2003), we are not enclosing a copy of the cited U. S. Patent references (References AA, AB and AH).
- 3) This Information Disclosure Statement is being filed within 3 months of the application filing date, in accordance with 37 C.F.R. 1.97(b)(1). Thus, a fee is not due for the submission of the present Information Disclosure Statement.
- 4) References AA, AB, AD, AH and AI are in English. References AC and AG are each accompanied by an English Abstract. Reference AE corresponds to AA, and AF corresponds to AB, from which the relevance can be determined in English.

- 5) Moreover, the enclosed Search Report indicates the degree of relevance of each of the references AC to AH by category (A = technological background; X = relevant for anticipation or obviousness when considered alone; Y = relevant for obviousness when combined with another publication). Thereby, a concise explanation of the relevance has been provided (see M.P.E.P. §609).
- 6) Applicants respectfully request that the Examiner consider all references of record, return an initialled copy of the enclosed Form PTO-1449 to the applicants and ensure that all references of record are printed on any patent issuing from this application.
- 7) Favorable consideration and allowance of claims 1 to 28 are respectfully requested.

Respectfully submitted,
Franz MATHE et al.
Applicant

WFF:ar/4648
Enclosure: postcard,
Form PTO-1449,
6 references,
2 English Abstracts,
German Search Report with
translation

By 
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CERTIFICATE OF MAILING:

I hereby certify that this correspondence with all indicated enclosures is being deposited with the U. S. Postal Service with sufficient postage as first-class mail, in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on the date indicated below.

 7/1/04
Name: Walter F. Fasse - Date: July 1, 2004

Atty. Docket No.
4648Serial No.:
10/817,338LIST OF REFERENCES CITED BY
APPLICANTOIP REVISIED FORM PTO-1449)
DATED: July 1, 2004

Applicant: Franz MATHE et al.

U.S. Filing Date:
April 1, 2004Art Unit:
2811

U. S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.							DATE	NAME	Cl.	Sub- Cl.	Fil. Date
	AA	6	3	0	7	2	1	8	10/2001	Steigerwald et al.	-	-	-
	AB	6	6	4	2	6	1	8	11/2003	Yagi et al.	-	-	-

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.							DATE	COUNTRY	Cl.	Sub- Cl.	Trans.	
													Yes	No
	AC	69	0	1	3	9	8	5	03/1995	Fed. Rep. of Germany	-	-	Abst	
	AD	09	0	0	8	2	7	4	01/1997	Japan (English Abstract)	-	-	X	
	AE	19	9	5	3	1	6	0	05/2000	Fed. Rep. of Germany	-	-	=AA	
	AF	10	1	6	2	2	2	3	08/2002	Fed. Rep. of Germany	-	-	=AB	
	AG	10	1	5	3	1	7	6	03/2003	Fed. Rep. of Germany	-	-	Abst	

OTHER DOCUMENTS

AH	US Patent Application Publciaton No. US 2001/0038103 A1, November 8, 2001, Nitta et al.
AI	Standard Flip Chip Design Guide, Bump Design Guide, Kulicke & Soffa, Flip Chip Division, 11/15/01, pages 1 to 13,

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.